

108.2 - Metal Constituents in Fossil Fuels (liquid and solid forms)

These SRMs and RM are for analysis of metal trace elements in fuel oil and reference fuels. [Also see Category 114.]

Technical Contact: william.kelly@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1634c	8505
Description	Trace Elements in Fuel Oil	Vanadium in Crude Oil
Unit of Issue	(100 mL)	(250 mL)
Elemental Composition (mass fraction, in %)		
As	0.1426	
Co	0.1510	
Ni	17.54	
S	(2)	
Se	0.1020	
V	28.19	(390*)

Values in parentheses are not certified and are given for information only.

* Values are in mg/kg.

** This SRM is a "No. 6" fuel oil in terms of viscosity but has a flash point of 43 °C.